BRUHAT BANGLORE MAHANAGARA PALIKE
YALAHANKA ZONE, BANGLORE
MEASUREMENT SHEET (WARD NO-10)
RA 4TH AND PART BILL

Name of work:	Package - 04 includes 7 Works: 1. Improvements to Roads and Drains in 80 ft Layout, HMT Layout, Rajivagandhi Nagar (NTI), Thindlu and surrounding in ward No. 09. 2. Improvements to Roads and Drains in Thindlu colony, Nandapura layout, Kempegowdnagara and surrounding area in ward No. 09.3. Improvements to Roads and Drains in Muthuraya Swamy layout, Doddabommasandra, Nanjappa layout, Channabasavaiah Layout in Ward No. 10, 4. Improvements to roads and drains at Kanakakatti main road,Improvements to Roads and Drains in Kuvempu Nagara, Singapura, Ramachandrapura and surrounding areas in ward no-11, 5. Improvements to roads and drains at Kanakakatti main road, Kariyanna layout and surrounding areas in ward no. 07, 6. Improvements to Roads and drains at Bhadrappa layout and Balaji layout and surrounding area in ward number - 08, 7. Improvements to roads and drains in Kodigehalli colony, Manjunagara 5th Nagar and surrounding area in ward no. 08.
stimated Cost :	Rs. 570.00 Lakhs
ob Code/Indent No.	007-19-000106, 008-19-000034, 008-19-000035, 009-19-000030, 010-19-000011, 011-19-000288
lead of Account :	P3111, P3409
lame of Agency:	Sri. B.B. Umesh, Contractor, # 385, Bettahalsur (P), Bangalore North Taluk – 562 157.
Ref:	BMP/EE/BTP/WO/110/2019-20 Dated: 17.10.2019.
Date of Recording:	

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty
1	**Removing and resetting footpath** slab							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 1 is							1227.10
2	**Earth work excavation** by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 4 is							921.75
3	Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 2 is							430.91
4	KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank MC-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specificationsDo- Medium Porosity							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 1 is							1871.50

Assistant Engineer

Transhan Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Description of item	No	L	B1	B2	Av.B	D	Qty

Providing and laying **bituminous macadam** on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with Mechanical paver Gr-II (50mm - 75mm) with 3.4% VG-30 bitumen.

Qty as per Premeasurement Recorded vide E-Bill Page No. 1 is **93.68**

Tack Coat:- Providing and applying **tack coat** using 80/100 grade bitumen (VG 10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mechancial broom. complete as per specifications.

Qty as per Premeasurement Recorded vide E-Bill Page No. 1 is **6267.50**

KSRRB M500-19: providing and laying **bituminous concrete** 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification 30-45mm compacted thicikness (GradingII) With 6% bitumen 80/100,

Najappa Layout W No. 10							
Najappa Layout 4th cross							
Ch: 0.00 to 30.00 Mts	1.0	30.00	7.30	7.40	7.35	0.04	8.82
Ch: 30.00 to 60.00 Mts	1.0	30.00	7.40	7.20	7.30	0.04	8.76
Ch: 60.00 to 90.00 Mts	1.0	30.00	7.20	6.20	6.70	0.04	8.04
Ch: 90.00 to 120.00 Mts	1.0	30.00	6.20	5.50	5.85	0.04	7.02
Ch: 120.00 to 150.00 Mts	1.0	30.00	5.50	4.90	5.20	0.04	6.24
Ch: 150.00 to 180.00 Mts	1.0	30.00	4.90	4.70	4.80	0.04	5.76
Ch: 180.00 to 210.00 Mts	1.0	30.00	4.70	5.00	4.85	0.04	5.82
Ch: 210.00 to 240.00 Mts	1.0	30.00	5.00	4.40	4.70	0.04	5.64
Ch: 240.00 to 270.00 Mts	1.0	30.00	4.40	4.30	4.35	0.04	5.22
Ch: 270.00 to 293.00 Mts	1.0	23.00	4.30	6.50	5.40	0.04	4.97
Najappa Layout 1st A main road							
Ch: 0.00 to 30.00 Mts	1.0	30.00	5.00	4.60	4.80	0.04	5.76
Ch: 30.00 to 50.00 Mts	1.0	20.00	4.60	5.20	4.90	0.04	3.92
Ch: 0.00 to 30.00 Mts	1.0	30.00	4.00	4.10	4.05	0.04	4.86
Ch: 30.00 to 60.00 Mts	1.0	30.00	4.10	4.20	4.15	0.04	4.98
Ch: 60.00 to 79.00 Mts	1.0	19.00	4.20	4.00	4.10	0.04	3.12
Nanjappa layout 7th A Cross							
Ch: 0.00 to 30.00 Mts	1.0	30.00	4.50	4.60	4.55	0.04	5.46
C-ramayya Layout							
10th Main Road (LHS)							
Ch: 0.00 to 18.50 Mts	1.0	18.50	5.10	5.40	5.25	0.04	3.89
10th Main Road (RHS)							
Ch: 0.00 to 30.00 Mts	1.0	30.00	5.40	4.80	5.10	0.04	6.12
Ch: 30.00 to 60.00 Mts	1.0	30.00	4.80	5.20	5.00	0.04	6.00
Ch: 60.00 to 73.00 Mts	1.0	13.00	5.20	5.50	5.35	0.04	2.78
9th Main Road (LHS)							
Ch: 0.00 to 17.00 Mts	1.0	17.00	4.70	4.60	4.65	0.04	3.16
9th Main Road (RHS)							
Ch: 0.00 to 30.00 Mts	1.0	30.00	5.80	5.40	5.60	0.04	6.72

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sweetha. N L
Assistant Engineer
AE W10

Transtech Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer

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Description of item	No	L	B1	B2	Av.B	D	Qty
Ch: 30.00 to 60.00 Mts	1.0	30.00	5.40	5.10	5.25	0.04	6.30
Ch: 60.00 to 76.00 Mts	1.0	16.00	5.10	5.10	5.10	0.04	3.26
8th Main Road (LHS)							
Ch: 0.00 to 30.00 Mts	1.0	30.00	5.30	5.20	5.25	0.04	6.30
Ch: 30.00 to 60.00 Mts	1.0	30.00	5.20	4.60	4.90	0.04	5.88
Ch: 60.00 to 65.00 Mts	1.0	5.00	4.60	4.40	4.50	0.04	0.90
8th Main Road (RHS)							
Ch: 0.00 to 30.00 Mts	1.0	30.00	5.30	5.00	5.15	0.04	6.18
Ch: 30.00 to 60.00 Mts	1.0	30.00	5.00	5.20	5.10	0.04	6.12
Ch: 60.00 to 73.50 Mts	1.0	13.50	5.20	5.70	5.45	0.04	2.94
7th Main Road (LHS)							
Ch: 0.00 to 30.00 Mts	1.0	30.00	5.10	5.40	5.25	0.04	6.30
Ch: 30.00 to 60.00 Mts	1.0	30.00	5.40	4.40	4.90	0.04	5.88
Ch: 60.00 to 74.00 Mts	1.0	14.00	4.40	4.40	4.40	0.04	2.46
7th Main Road (RHS)							
Ch: 0.00 to 30.00 Mts	1.0	30.00	4.60	4.80	4.70	0.04	5.64
Ch: 30.00 to 60.00 Mts	1.0	30.00	4.80	4.60	4.70	0.04	5.64
Ch: 60.00 to 64.00 Mts	1.0	4.00	4.60	4.80	4.70	0.04	0.75
6th Main Road							
Ch: 0.00 to 13.00 Mts	1.0	13.00	3.20	4.50	3.85	0.04	2.00
Ch: 13.00 to 43.00 Mts	1.0	30.00	4.50	5.10	4.80	0.04	5.76
Ch: 43.00 to 73.00 Mts	1.0	30.00	5.10	5.00	5.05	0.04	6.06
Ch: 73.00 to 78.00 Mts	1.0	5.00	5.00	5.00	5.00	0.04	1.00
Chamundeshwari layout 2nd main 5th Cross							
Ch: 0.00 to 32.00 Mts	1.0	32.00	5.30	4.20	4.75	0.04	6.08
Chamundeshwari layout 2nd main 4th Cross							
Ch: 0.00 to 30.00 Mts	1.0	30.00	5.00	6.30	5.65	0.04	6.78
Ch: 30.00 to 35.00 Mts	1.0	5.00	6.30	6.20	6.25	0.04	1.25
Chamundeshwari layout 2nd main 4th A Cross							
Ch: 0.00 to 30.00 Mts	1.0	30.00	4.80	4.30	4.55	0.04	5.46
Ch: 30.00 to 41.00 Mts	1.0	11.00	4.30	4.30	4.30	0.04	1.89
1st A main road (Ganesh Gowda House Road)							
Ch: 0.00 to 30.00 Mts	1.0	30.00	7.00	6.60	6.80	0.04	8.16
Ch: 30.00 to 60.00 Mts	1.0	30.00	6.60	6.30	6.45	0.04	7.74
Ch: 60.00 to 90.00 Mts	1.0	30.00	6.30	7.20	6.75	0.04	8.10
Ch: 90.00 to 100.00 Mts	1.0	10.00	7.20	6.80	7.00	0.04	2.80
						Total Qty =	**250.70**

Providing and laying of **hot applied thermoplastic compound** 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.

Najappa Layout W No. 10						
Najappa Layout 4th cross						
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10	1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10	1.50
Ch: 60.00 to 90.00 Mts	0.5	30.00			0.10	1.50
Ch: 90.00 to 120.00 Mts	0.5	30.00			0.10	1.50

CRFC 13/05

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

Sweetha N K
Assistant Engineer
AE W10

Transtech Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer

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Description of item	No	L	B1	B2	Av.B	D	Qty
Ch: 120.00 to 150.00 Mts	0.5	30.00			0.10		1.50
Ch: 150.00 to 180.00 Mts	0.5	30.00			0.10		1.50
Ch: 180.00 to 210.00 Mts	0.5	30.00			0.10		1.50
Ch: 210.00 to 240.00 Mts	0.5	30.00			0.10		1.50
Ch: 240.00 to 270.00 Mts	0.5	30.00			0.10		1.50
Ch: 270.00 to 293.00 Mts	0.5	23.00			0.10		1.15
Najappa Layout 1st A main road							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 50.00 Mts	0.5	20.00			0.10		1.00
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10		1.50
Ch: 60.00 to 79.00 Mts	0.5	19.00			0.10		0.95
Nanjappa layout 7th A Cross							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
C-ramayya Layout							
10th Main Road (LHS)							
Ch: 0.00 to 18.50 Mts	0.5	18.50			0.10		0.93
10th Main Road (RHS)							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10		1.50
Ch: 60.00 to 73.00 Mts	0.5	13.00			0.10		0.65
9th Main Road (LHS)							
Ch: 0.00 to 17.00 Mts	0.5	17.00			0.10		0.85
9th Main Road (RHS)							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10		1.50
Ch: 60.00 to 76.00 Mts	0.5	16.00			0.10		0.80
8th Main Road (LHS)							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10		1.50
Ch: 60.00 to 65.00 Mts	0.5	5.00			0.10		0.25
8th Main Road (RHS)							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10		1.50
Ch: 60.00 to 73.50 Mts	0.5	13.50			0.10		0.68
7th Main Road (LHS)							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10		1.50
Ch: 60.00 to 74.00 Mts	0.5	14.00			0.10		0.70
7th Main Road (RHS)							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10		1.50
Ch: 60.00 to 64.00 Mts	0.5	4.00			0.10		0.20
6th Main Road							
Ch: 0.00 to 13.00 Mts	0.5	13.00			0.10		0.65
Ch: 13.00 to 43.00 Mts	0.5	30.00			0.10		1.50
Ch: 43.00 to 73.00 Mts	0.5	30.00			0.10		1.50
Ch: 73.00 to 78.00 Mts	0.5	5.00			0.10		0.25
Chamundeshwari layout 2nd main 5th Cross							
Ch: 0.00 to 32.00 Mts	0.5	32.00			0.10		1.60

CAFC 13/05

CAFC

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Engineer

Assistant Executive Engineer

Trans Sigma Consultants Pvt. Ltd. PMC Bangalore

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Description of item	No	L	B1	B2	Av.B	D	Qty
Chamundeshwari layout 2nd main 4th Cross							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 35.00 Mts	0.5	5.00			0.10		0.25
Chamundeshwari layout 2nd main 4th A Cross							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 41.00 Mts	0.5	11.00			0.10		0.55
1st A main road (Ganesh Gowda House Road)							
Ch: 0.00 to 30.00 Mts	0.5	30.00			0.10		1.50
Ch: 30.00 to 60.00 Mts	0.5	30.00			0.10		1.50
Ch: 60.00 to 90.00 Mts	0.5	30.00			0.10		1.50
Ch: 90.00 to 100.00 Mts	0.5	10.00			0.10		0.50
							59.95

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Engineer

Assistant Executive Engineer

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BRUHAT BANGLORE MAHANAGARA PALIKE
YALAHANKA ZONE, BANGLORE
MEASUREMENT SHEET (WARD NO-10)
PRE-MEASUREMENT

Name of work:	Package - 04 includes 7 Works: 1. Improvements to Roads and Drains in BEL Layout, HMT Layout, Rajivagandhi Nagar (NTI), Thindhu and surrounding in ward No. 09, 2. Improvements to Roads and Drains in Thindlu colony, Narasipura layout, Kempegowdnagara and surrounding area in ward No. 09,3. Improvements to Roads and Drains in Muthuraya Swamy layout, Doddabomasandra, Nanjappa layout, Chamundeshwari Layout in Ward No. 10, 4. Improvements to roads and drains at Amruthahalli main road,Improvements to Roads and Drains in Kuvempu Nagara, Singapura, Ramachandrapura and surrounding areas in ward no-11, 5. Improvements to roads and drains at Amruthahalli main road, Kariyanna layout and surrounding areas in ward no. 07, 6. Improvements to Roads and drains at bhadrappa layout and balaji layout and surrounding area in ward number - 08, 7. Improvements to roads and drains in Kodigehalli colony, Maruthinagara, BB Nagar and surrounding area in ward no. 08.
Estimated Cost :	Rs. 570.00 Lakhs
Job Code/Indent No.	007-19-000106, 008-19-000034, 008-19-000035, 009-19-000030, 010-19-000011, 011-19-000288
Head of Account :	P3111, P3409
Name of Agency:	Sri. B.B. Umesh, Contractor, # 385, Bettaulsur (P), Bangalore North Taluk – 562 157.
Ref:	BMP/EE/BTP/WO/110/2019-20 Dated: 17.10.2019.
Date of Recording:	

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
1	**Removing and resetting footpath** slab								Sqm
	LHS								
	Najappa Layout W No. 10								
	Najappa Layout 4th cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 120.00 to 150.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 150.00 to 180.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 180.00 to 210.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 270.00 to 293.00 Mts	1.0	23.00			0.70		16.10	
	Najappa Layout 1st A main road								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 50.00 Mts	1.0	20.00			0.70		14.00	
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 79.00 Mts	1.0	19.00			0.70		13.30	
	C-ramayya Layout								
	10th Main Road (LHS)								
	Ch: 0.00 to 18.50 Mts	1.0	18.50			0.70		12.95	
	10th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 73.00 Mts	1.0	13.00			0.70		9.10	
	9th Main Road (LHS)								
	Ch: 0.00 to 17.00 Mts	1.0	17.00			0.70		11.90	
	9th Main Road (RHS)								

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 76.00 Mts	1.0	16.00			0.70		11.20	
	8th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 65.00 Mts	1.0	5.00			0.70		3.50	
	8th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 73.50 Mts	1.0	13.50			0.70		9.45	
	7th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 74.00 Mts	1.0	14.00			0.70		9.80	
	7th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 64.00 Mts	1.0	4.00			0.70		2.80	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00			0.70		9.10	
	Ch: 13.00 to 43.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 43.00 to 73.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 73.00 to 78.00 Mts	1.0	5.00			0.70		3.50	
	RHS								
	Najappa Layout W No. 10								
	Najappa Layout 4th cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 120.00 to 150.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 150.00 to 180.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 210.00 to 240.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 270.00 to 293.00 Mts	1.0	23.00			0.70		16.10	
	Najappa Layout 1st A main road								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 50.00 Mts	1.0	20.00			0.70		14.00	
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Nanjappa layout 7th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	C-ramayya Layout								
	10th Main Road (LHS)								
	Ch: 0.00 to 18.50 Mts	1.0	18.50			0.70		12.95	
	10th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 73.00 Mts	1.0	13.00			0.70		9.10	
	9th Main Road (LHS)								
	Ch: 0.00 to 17.00 Mts	1.0	17.00			0.70		11.90	
	9th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 76.00 Mts	1.0	16.00			0.70		11.20	
	8th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 65.00 Mts	1.0	5.00			0.70		3.50	
	8th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 73.50 Mts	1.0	13.50			0.70		9.45	
	7th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 74.00 Mts	1.0	14.00			0.70		9.80	
	7th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 60.00 to 64.00 Mts	1.0	4.00			0.70		2.80	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00			0.70		9.10	
	Ch: 13.00 to 43.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 43.00 to 73.00 Mts	1.0	30.00			0.70		21.00	
	Ch: 73.00 to 78.00 Mts	1.0	5.00			0.70		3.50	
	Total Qty							1227.10	Sqm

Suretha. N.K
Assistant Engineer
Ward No.10

Transight Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
Da	Recording:								
2	**Earth work excavation** by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.								Cum
	Najappa Layout W No. 10								
	Road cur portion								
	Najappa Layout 4th cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.60	0.30	14.40	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.55	0.30	13.95	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			1.53	0.30	13.73	13.77
	Ch: 90.00 to 120.00 Mts	1.0	30.00			1.53	0.30	13.73	13.77
	Ch: 120.00 to 150.00 Mts	1.0	30.00			1.58	0.30	14.18	14.22
	Ch: 150.00 to 180.00 Mts	1.0	30.00			1.63	0.30	14.63	14.67
	Ch: 180.00 to 210.00 Mts	1.0	30.00			1.58	0.30	14.18	14.22
	Ch: 210.00 to 240.00 Mts	1.0	30.00			1.10	0.30	9.90	
	Ch: 240.00 to 270.00 Mts	1.0	30.00			1.53	0.30	13.73	13.77
	Ch: 270.00 to 293.00 Mts	1.0	23.00			1.55	0.30	10.70	
	Najappa Layout 1st A main road								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.60	0.30	14.40	
	Ch: 30.00 to 50.00 Mts	1.0	20.00			1.55	0.30	9.30	
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.53	0.30	13.73	13.77
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.30	13.73	13.77
	Ch: 60.00 to 79.00 Mts	1.0	19.00			1.58	0.30	8.98	
	Nanjappa layout 7th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.80	0.30	16.20	
	C-ramayya Layout								
	10th Main Road (LHS)								
	Ch: 0.00 to 18.50 Mts	1.0	18.50			1.55	0.30	8.60	
	10th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.53	0.30	13.73	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.30	13.73	
	Ch: 60.00 to 73.00 Mts	1.0	13.00			1.58	0.30	6.14	
	9th Main Road (LHS)								
	Ch: 0.00 to 17.00 Mts	1.0	17.00			1.63	0.30	8.29	8.31
	9th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.63	0.30	14.63	14.67
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.65	0.30	14.85	
	Ch: 60.00 to 76.00 Mts	1.0	16.00			1.70	0.30	8.16	
	8th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.68	0.30	15.08	15.12
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.55	0.30	13.95	
	Ch: 60.00 to 65.00 Mts	1.0	5.00			1.53	0.30	2.29	
	8th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.58	0.30	14.18	14.22
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.58	0.30	14.18	14.22
	Ch: 60.00 to 73.50 Mts	1.0	13.50			1.53	0.30	6.18	
	7th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.58	0.30	14.18	14.22
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.58	0.30	14.18	14.22
	Ch: 60.00 to 74.00 Mts	1.0	14.00			1.53	0.30	6.41	6.43
	7th Main Road (RHS)								

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Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.40	0.30	12.60	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.30	13.73	13.77
	Ch: 60.00 to 64.00 Mts	1.0	4.00			1.55	0.30	1.86	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00			1.70	0.30	6.63	
	Ch: 13.00 to 43.00 Mts	1.0	30.00			1.73	0.30	15.53	15.57
	Ch: 43.00 to 73.00 Mts	1.0	30.00			1.68	0.30	15.08	15.13
	Ch: 73.00 to 78.00 Mts	1.0	5.00			1.56	0.30	2.34	
	Chamundeshwari layout 2nd main 5th Cross								
	Ch: 0.00 to 32.00 Mts	1.0	32.00			1.64	0.30	15.74	
	Chamundeshwari layout 2nd main 4th Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.50	0.30	13.50	
	Ch: 30.00 to 35.00 Mts	1.0	5.00			1.40	0.30	2.10	
	Chamundeshwari layout 2nd main 4th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.50	0.30	13.50	
	Ch: 30.00 to 41.00 Mts	1.0	11.00			1.46	0.30	4.82	
	1st A main road (Ganesh Gowda House Road)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.45	0.30	13.05	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.50	0.30	13.50	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			1.65	0.30	14.85	
	Ch: 90.00 to 100.00 Mts	1.0	10.00			1.70	0.30	5.10	
	Drain Desilt								
	LHS								
	Najappa Layout W No. 10								
	Najappa Layout 4th cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 90.00 to 120.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 120.00 to 150.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 150.00 to 180.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 180.00 to 210.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 210.00 to 240.00 Mts	1.0	30.00			0.50	0.30	4.50	67.5
	Ch: 240.00 to 270.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 270.00 to 293.00 Mts	1.0	23.00			0.50	0.30	3.45	
	Najappa Layout 1st A main road								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 50.00 Mts	1.0	20.00			0.50	0.30	3.00	
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 79.00 Mts	1.0	19.00			0.50	0.30	2.85	
	Nanjappa layout 7th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	C-ramayya Layout								
	10th Main Road (LHS)								
	Ch: 0.00 to 18.50 Mts	1.0	18.50			0.50	0.30	2.78	
	10th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	

243.63

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	Ch: 60.00 to 73.00 Mts	1.0	13.00			0.50	0.30	1.95	
	9th Main Road (LHS)								
	Ch: 0.00 to 17.00 Mts	1.0	17.00			0.50	0.30	2.55	
	9th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 76.00 Mts	1.0	16.00			0.50	0.30	2.40	
	8th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 65.00 Mts	1.0	5.00			0.50	0.30	0.75	
	8th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 73.50 Mts	1.0	13.50			0.50	0.30	2.03	
	7th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 74.00 Mts	1.0	14.00			0.50	0.30	2.10	
	7th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 64.00 Mts	1.0	4.00			0.50	0.30	0.60	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00			0.50	0.30	1.95	
	Ch: 13.00 to 43.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 43.00 to 73.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 73.00 to 78.00 Mts	1.0	5.00			0.50	0.30	0.75	
	Chamundeshwari layout 2nd main 5th Cross								
	Ch: 0.00 to 32.00 Mts	1.0	32.00			0.50	0.30	4.8	
	Chamundeshwari layout 2nd main 4th Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 35.00 Mts	1.0	5.00			0.50	0.30	0.75	
	Chamundeshwari layout 2nd main 4th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 41.00 Mts	1.0	11.00			0.50	0.30	1.65	
	1st A main road (Ganesh Gowda House Road)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 90.00 to 100.00 Mts	1.0	10.00			0.50	0.30	1.50	
	RHS								
	Najappa Layout W No. 10								
	Najappa Layout 4th cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 90.00 to 120.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 120.00 to 150.00 Mts	1.0	30.00			0.50	0.30	4.50	

122.78

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	Ch: 150.00 to 180.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 180.00 to 210.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 210.00 to 240.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 240.00 to 270.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 270.00 to 293.00 Mts	1.0	23.00			0.50	0.30	3.45	
	Najappa Layout 1st A main road								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 50.00 Mts	1.0	20.00			0.50	0.30	3.00	
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 79.00 Mts	1.0	19.00			0.50	0.30	2.85	
	Nanjappa layout 7th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	C-ramayya Layout								
	10th Main Road (LHS)								
	Ch: 0.00 to 18.50 Mts	1.0	18.50			0.50	0.30	2.78	
	10th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 73.00 Mts	1.0	13.00			0.50	0.30	1.95	
	9th Main Road (LHS)								
	Ch: 0.00 to 17.00 Mts	1.0	17.00			0.50	0.30	2.55	
	9th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 76.00 Mts	1.0	16.00			0.50	0.30	2.40	
	8th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 65.00 Mts	1.0	5.00			0.50	0.30	0.75	
	8th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 73.50 Mts	1.0	13.50			0.50	0.30	2.03	
	7th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 74.00 Mts	1.0	14.00			0.50	0.30	2.10	
	7th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 64.00 Mts	1.0	4.00			0.50	0.30	0.60	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00			0.50	0.30	1.95	
	Ch: 13.00 to 43.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 43.00 to 73.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 73.00 to 78.00 Mts	1.0	5.00			0.50	0.30	0.75	
	Chamundeshwari layout 2nd main 5th Cross								
	Ch: 0.00 to 32.00 Mts	1.0	32.00			0.50	0.30	4.80	
	Chamundeshwari layout 2nd main 4th Cross								

130.96

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Ward No.10

Pre-Measurement

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 35.00 Mts	1.0	5.00			0.50	0.30	0.75	
	Chamundeshwari layout 2nd main 4th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 41.00 Mts	1.0	11.00			0.50	0.30	1.65	
	1st A main road (Ganesh Gowda House Road)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			0.50	0.30	4.50	
	Ch: 90.00 to 100.00 Mts	1.0	10.00			0.50	0.30	1.50	
	Total Qty							32.40	Cum

Assistant Engineer
Ward No.10

Transient Consultants Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Scanned with CamScanner

Ward No.10

Sl No	Description of item	No	L	B1	B2	Av.B	D	Pre-Measurement Qty	Unit
Da	f Recording:								
3	Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.								
	Najappa Layout W No. 10								
	Road cur portion								Cum
	Najappa Layout 4th cross								
	Ch: 0.00 to 30.00 Mts								
	Ch: 30.00 to 60.00 Mts	1.0	30.00						
	Ch: 60.00 to 90.00 Mts	1.0	30.00			1.60	0.23	11.04	
	Ch: 90.00 to 120.00 Mts	1.0	30.00			1.55	0.23	10.70	
	Ch: 120.00 to 150.00 Mts	1.0	30.00			1.53	0.23	10.52	10.56
	Ch: 150.00 to 180.00 Mts	1.0	30.00			1.53	0.23	10.52	10.56
	Ch: 180.00 to 210.00 Mts	1.0	30.00			1.58	0.23	10.87	10.90
	Ch: 210.00 to 240.00 Mts	1.0	30.00			1.63	0.23	11.21	11.25
	Ch: 240.00 to 270.00 Mts	1.0	30.00			1.58	0.23	10.87	10.90
	Ch: 270.00 to 293.00 Mts	1.0	23.00			1.53	0.23	10.52	10.56
	Najappa Layout 1st A main road								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.60	0.23	11.04	
	Ch: 30.00 to 50.00 Mts	1.0	20.00			1.55	0.23	7.13	
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.53	0.23	10.52	10.56
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.23	10.52	10.56
	Ch: 60.00 to 79.00 Mts	1.0	19.00			1.58	0.23	6.88	6.90
	Nanjappa layout 7th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.80	0.23	12.42	
	C-ramayya Layout								
	10th Main Road (LHS)								
	Ch: 0.00 to 18.50 Mts	1.0	18.50			1.55	0.23	6.60	
	10th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.53	0.23	10.52	10.56
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.23	10.52	10.56
	Ch: 60.00 to 73.00 Mts	1.0	13.00			1.58	0.23	4.71	
	9th Main Road (LHS)								
	Ch: 0.00 to 17.00 Mts	1.0	17.00			1.63	0.23	6.35	6.37
	9th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.63	0.23	11.21	11.25
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.65	0.23	11.39	
	Ch: 60.00 to 76.00 Mts	1.0	16.00			1.70	0.23	6.26	
	8th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.68	0.23	11.56	11.59
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.55	0.23	10.70	
	Ch: 60.00 to 65.00 Mts	1.0	5.00			1.53	0.23	1.75	
	8th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.58	0.23	10.87	10.90
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.58	0.23	10.87	10.90
	Ch: 60.00 to 73.50 Mts	1.0	13.50			1.53	0.23	4.74	
	7th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.58	0.23	10.87	10.90
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.58	0.23	10.87	10.90
	Ch: 60.00 to 74.00 Mts	1.0	14.00			1.53	0.23	4.91	4.93
									305.88

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

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Ward No.10

Pre-Measurement

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	5th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.40	0.23	9.66	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.23	10.52	10.56
	Ch: 60.00 to 64.00 Mts	1.0	4.00			1.55	0.23	1.43	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00			1.70	0.23	5.08	
	Ch: 13.00 to 43.00 Mts	1.0	30.00			1.73	0.23	11.90	11.94
	Ch: 43.00 to 73.00 Mts	1.0	30.00			1.68	0.23	11.56	11.59
	Ch: 73.00 to 78.00 Mts	1.0	5.00			1.56	0.23	1.79	
	Chamundeshwari layout 2nd main 5th Cross								
	Ch: 0.00 to 32.00 Mts	1.0	32.00			1.64	0.23	12.07	
	Chamundeshwari layout 2nd main 4th Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.50	0.23	10.35	
	Ch: 30.00 to 35.00 Mts	1.0	5.00			1.40	0.23	1.61	
	Chamundeshwari layout 2nd main 4th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.50	0.23	10.35	
	Ch: 30.00 to 41.00 Mts	1.0	11.00			1.46	0.23	3.69	
	1st A main road (Ganesh Gowda House Road)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.45	0.23	10.01	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.50	0.23	10.35	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			1.65	0.23	11.39	
	Ch: 90.00 to 100.00 Mts	1.0	10.00			1.70	0.23	3.91	
	Total Qty							430.91	Cum

Suvetha. N L
Assistant Engineer
Ward No.10

Transhigh Consultants (I) Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

431.66

125.18

Scanned with CamScanner

Pre-Measurement

Description of item	No	L	B1	B2	Av.B	D	Qty	Unit	
Per Recording: KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specificationsDo- Medium Porosity								Sqm	
Najappa Layout W No. 10									
Road cur portion									
Najappa Layout 4th cross									
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.60		48.00		
Ch: 30.00 to 60.00 Mts	1.0	30.00			1.55		46.50		
Ch: 60.00 to 90.00 Mts	1.0	30.00			1.53		45.75	45.9	
Ch: 90.00 to 120.00 Mts	1.0	30.00			1.53		45.75	45.9	
Ch: 120.00 to 150.00 Mts	1.0	30.00			1.58		47.25	47.4	
Ch: 150.00 to 180.00 Mts	1.0	30.00			1.63		48.75	48.9	
Ch: 180.00 to 210.00 Mts	1.0	30.00			1.58		47.25	47.4	
Ch: 210.00 to 240.00 Mts	1.0	30.00			1.10		33.00		
Ch: 240.00 to 270.00 Mts	1.0	30.00			1.53		45.75	45.9	
Ch: 270.00 to 293.00 Mts	1.0	23.00			1.55		35.65		
Najappa Layout 1st A main road									
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.60		48.00		
Ch: 30.00 to 50.00 Mts	1.0	20.00			1.55		31.00		
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.53		45.75	45.9	
Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53		45.75	45.9	
Ch: 60.00 to 79.00 Mts	1.0	19.00			1.58		29.93	30.02	
Nanjappa layout 7th A Cross									
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.80		54.00		
C-ramayya Layout									
10th Main Road (LHS)									
Ch: 0.00 to 18.50 Mts	1.0	18.50			1.55		28.68		
10th Main Road (RHS)									
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.53		45.75		
Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53		45.75		
Ch: 60.00 to 73.00 Mts	1.0	13.00			1.58		20.48		
9th Main Road (LHS)									
Ch: 0.00 to 17.00 Mts	1.0	17.00			1.63		27.69	27.71	
9th Main Road (RHS)									
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.63		48.75	48.9	
Ch: 30.00 to 60.00 Mts	1.0	30.00			1.65		49.50		
Ch: 60.00 to 76.00 Mts	1.0	16.00			1.70		27.20		
8th Main Road (LHS)									
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.68		50.25	50.4	
Ch: 30.00 to 60.00 Mts	1.0	30.00			1.55		46.50		
Ch: 60.00 to 65.00 Mts	1.0	5.00			1.53		7.63	7.65	
8th Main Road (RHS)									
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.58		47.25	45.9	
Ch: 30.00 to 60.00 Mts	1.0	30.00			1.58		47.25	45.9	
Ch: 60.00 to 73.50 Mts	1.0	13.50			1.53		20.59	20.66	
7th Main Road (LHS)									
Ch: 0.00 to 30.00 Mts	1.0	30.00			1.58		47.25	45.9	
Ch: 30.00 to 60.00 Mts	1.0	30.00			1.58		47.25	45.9	
Ch: 60.00 to 74.00 Mts	1.0	14.00			1.53		21.35	21.42	

1323.93

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	7th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.40		42.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53		45.75	45.9
	Ch: 60.00 to 64.00 Mts	1.0	4.00			1.55		6.20	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00			1.70		22.10	
	Ch: 13.00 to 43.00 Mts	1.0	30.00			1.73		51.75	51.9
	Ch: 43.00 to 73.00 Mts	1.0	30.00			1.68		50.25	50.4
	Ch: 73.00 to 78.00 Mts	1.0	5.00			1.56		7.80	
	Chamundeshwari layout 2nd main 5th Cross								
	Ch: 0.00 to 32.00 Mts	1.0	32.00			1.64		52.48	
	Chamundeshwari layout 2nd main 4th Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.50		45.00	
	Ch: 30.00 to 35.00 Mts	1.0	5.00			1.40		7.00	
	Chamundeshwari layout 2nd main 4th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.50		45.00	
	Ch: 30.00 to 41.00 Mts	1.0	11.00			1.46		16.06	
	1st A main road (Ganesh Gowda House Road)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.45		43.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.50		45.00	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			1.65		49.50	
	Ch: 90.00 to 100.00 Mts	1.0	10.00			1.70		17.00	546.84
	Total Qty							**1873.50**	Sqm

Assistant Engineer
Ward No. 10

Transtech Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

546.84

Scanned with CamScanner

Pre-Measurement

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	of Recording:								
5	Providing and laying **bituminous macadam** on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with Mechanical paver Gr-II (50mm - 75mm) with 3.4% VG-30 bitumen.								Cum
	Najappa Layout W No. 10								
	Road cur portion								
	Najappa Layout 4th cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.60	0.05	2.40	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.55	0.05	2.33	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			1.53	0.05	2.29	
	Ch: 90.00 to 120.00 Mts	1.0	30.00			1.53	0.05	2.29	
	Ch: 120.00 to 150.00 Mts	1.0	30.00			1.58	0.05	2.36	
	Ch: 150.00 to 180.00 Mts	1.0	30.00			1.63	0.05	2.44	
	Ch: 180.00 to 210.00 Mts	1.0	30.00			1.58	0.05	2.36	
	Ch: 210.00 to 240.00 Mts	1.0	30.00			1.10	0.05	1.65	
	Ch: 240.00 to 270.00 Mts	1.0	30.00			1.53	0.05	2.29	
	Ch: 270.00 to 293.00 Mts	1.0	23.00			1.55	0.05	1.78	
	Najappa Layout 1st A main road								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.60	0.05	2.40	
	Ch: 30.00 to 50.00 Mts	1.0	20.00			1.55	0.05	1.55	
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.53	0.05	2.29	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.05	2.29	
	Ch: 60.00 to 79.00 Mts	1.0	19.00			1.58	0.05	1.50	
	Nanjappa layout 7th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.80	0.05	2.70	
	C-ramayya Layout								
	10th Main Road (LHS)						0.05		
	Ch: 0.00 to 18.50 Mts	1.0	18.50			1.55	0.05	1.43	
	10th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.53	0.05	2.29	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.05	2.29	
	Ch: 60.00 to 73.00 Mts	1.0	13.00			1.58	0.05	1.03	
	9th Main Road (LHS)								
	Ch: 0.00 to 17.00 Mts	1.0	17.00			1.63	0.05	1.39	
	9th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.63	0.05	2.44	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.65	0.05	2.48	
	Ch: 60.00 to 76.00 Mts	1.0	16.00			1.70	0.05	1.36	
	8th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.68	0.05	2.51	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.55	0.05	2.33	
	Ch: 60.00 to 65.00 Mts	1.0	5.00			1.53	0.05	0.38	
	8th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.58	0.05	2.36	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.58	0.05	2.36	
	Ch: 60.00 to 73.50 Mts	1.0	13.50			1.53	0.05	1.03	
	7th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.58	0.05	2.36	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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Ward No. 10

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.58	0.05	2.36	
	Ch: 60.00 to 74.00 Mts	1.0	14.00			1.53	0.05	1.07	
	7th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.40	0.05	2.10	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.53	0.05	2.29	
	Ch: 60.00 to 64.00 Mts	1.0	4.00			1.55	0.05	0.31	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00			1.70	0.05	1.11	
	Ch: 13.00 to 43.00 Mts	1.0	30.00			1.73	0.05	2.59	
	Ch: 43.00 to 73.00 Mts	1.0	30.00			1.68	0.05	2.51	
	Ch: 73.00 to 78.00 Mts	1.0	5.00			1.56	0.05	0.39	
	Chamundeshwari layout 2nd main 5th Cross								
	Ch: 0.00 to 32.00 Mts	1.0	32.00			1.64	0.05	2.62	
	Chamundeshwari layout 2nd main 4th Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.50	0.05	2.25	
	Ch: 30.00 to 35.00 Mts	1.0	5.00			1.40	0.05	0.35	
	Chamundeshwari layout 2nd main 4th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.50	0.05	2.25	
	Ch: 30.00 to 41.00 Mts	1.0	11.00			1.46	0.05	0.80	
	1st A main road (Ganesh Gowda House Road)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00			1.45	0.05	2.18	
	Ch: 30.00 to 60.00 Mts	1.0	30.00			1.50	0.05	2.25	
	Ch: 60.00 to 90.00 Mts	1.0	30.00			1.65	0.05	2.48	
	Ch: 90.00 to 100.00 Mts	1.0	10.00			1.70	0.05	0.85	
	Total Qty							93.68	Cum

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Engineer
Ward No. 10

Transtech Consultants Pvt. Ltd. PMC Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Scanned with CamScanner

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
Date of Recording:									
6	Tack Coat:- Providing and applying **tack coat** using 80/100 grade bitumen (VG 10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mechancial broom. complete as per specifications.								Sqm
	Najappa Layout W No. 10								
	Najappa Layout 4th cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	7.30	7.40	7.35		220.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	7.40	7.20	7.30		219.00	
	Ch: 60.00 to 90.00 Mts	1.0	30.00	7.20	6.20	6.70		201.00	
	Ch: 90.00 to 120.00 Mts	1.0	30.00	6.20	5.50	5.85		175.50	
	Ch: 120.00 to 150.00 Mts	1.0	30.00	5.50	4.90	5.20		156.00	
	Ch: 150.00 to 180.00 Mts	1.0	30.00	4.90	4.70	4.80		144.00	
	Ch: 180.00 to 210.00 Mts	1.0	30.00	4.70	5.00	4.85		145.50	
	Ch: 210.00 to 240.00 Mts	1.0	30.00	5.00	4.40	4.70		141.00	
	Ch: 240.00 to 270.00 Mts	1.0	30.00	4.40	4.30	4.35		130.50	
	Ch: 270.00 to 293.00 Mts	1.0	23.00	4.30	6.50	5.40		124.20	
	Najappa Layout 1st A main road								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.00	4.60	4.80		144.00	
	Ch: 30.00 to 50.00 Mts	1.0	20.00	4.60	5.20	4.90		98.00	
	Ch: 0.00 to 30.00 Mts	1.0	30.00	4.00	4.10	4.05		121.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	4.10	4.20	4.15		124.50	
	Ch: 60.00 to 79.00 Mts	1.0	19.00	4.20	4.00	4.10		77.90	
	Nanjappa layout 7th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	4.50	4.60	4.55		136.50	
	C-ramayya Layout								
	10th Main Road (LHS)								
	Ch: 0.00 to 18.50 Mts	1.0	18.50	5.10	5.40	5.25		97.13	
	10th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.40	4.80	5.10		153.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	4.80	5.20	5.00		150.00	
	Ch: 60.00 to 73.00 Mts	1.0	13.00	5.20	5.50	5.35		69.55	
	9th Main Road (LHS)								
	Ch: 0.00 to 17.00 Mts	1.0	17.00	4.70	4.60	4.65		79.05	
	9th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.80	5.40	5.60		168.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	5.40	5.10	5.25		157.50	
	Ch: 60.00 to 76.00 Mts	1.0	16.00	5.10	5.10	5.10		81.60	
	8th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.30	5.20	5.25		157.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	5.20	4.60	4.90		147.00	
	Ch: 60.00 to 65.00 Mts	1.0	5.00	4.60	4.40	4.50		22.50	
	8th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.30	5.00	5.15		154.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	5.00	5.20	5.10		153.00	
	Ch: 60.00 to 73.50 Mts	1.0	13.50	5.20	5.70	5.45		73.58	
	7th Main Road (LHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.10	5.40	5.25		157.50	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	5.40	4.40	4.90		147.00	
	Ch: 60.00 to 74.00 Mts	1.0	14.00	4.40	4.40	4.40		61.60	
	7th Main Road (RHS)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	4.60	4.80	4.70		141.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	4.80	4.60	4.70		141.00	

Assistant Executive Engineer
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Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit
	Ch: 60.00 to 64.00 Mts	1.0	4.00	4.60	4.80	4.70		18.80	
	6th Main Road								
	Ch: 0.00 to 13.00 Mts	1.0	13.00	3.20	4.50	3.85		50.05	
	Ch: 13.00 to 43.00 Mts	1.0	30.00	4.50	5.10	4.80		144.00	
	Ch: 43.00 to 73.00 Mts	1.0	30.00	5.10	5.00	5.05		151.50	
	Ch: 73.00 to 78.00 Mts	1.0	5.00	5.00	5.00	5.00		25.00	
	Chamundeshwari layout 2nd main 5th Cross								
	Ch: 0.00 to 32.00 Mts	1.0	32.00	5.30	4.20	4.75		152.00	
	Chamundeshwari layout 2nd main 4th Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	5.00	6.30	5.65		169.50	
	Ch: 30.00 to 35.00 Mts	1.0	5.00	6.30	6.20	6.25		31.25	
	Chamundeshwari layout 2nd main 4th A Cross								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	4.80	4.30	4.55		136.50	
	Ch: 30.00 to 41.00 Mts	1.0	11.00	4.30	4.30	4.30		47.30	
	1st A main road (Ganesh Gowda House Road)								
	Ch: 0.00 to 30.00 Mts	1.0	30.00	7.00	6.60	6.80		204.00	
	Ch: 30.00 to 60.00 Mts	1.0	30.00	6.60	6.30	6.45		193.50	
	Ch: 60.00 to 90.00 Mts	1.0	30.00	6.30	7.20	6.75		202.50	
	Ch: 90.00 to 100.00 Mts	1.0	10.00	7.20	6.80	7.00		70.00	
								6267.50	Sqm

Sweetha. N K
Assistant Engineer
Ward No. 10

Transindia Consultants Pvt. Ltd. PMC Bangalore

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